| <br>ex of Clair |  |
|-----------------|--|
|                 |  |

| Application No. | Applicant(s) |
|-----------------|--------------|
| 09/845,750      | DIXON ET AL. |
| Examiner        | Art Unit     |
| Li B. Zhen      | 2194         |

| 1 | Rejected |
|---|----------|
| = | Allowed  |

| 1 | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|  |  | L                                       | <u> </u>                              |              |  |  | J  |              |  |                        |
|--|--|---|---------------------------------------|--------------|--|--|--|--------------|--|------------------------|
|  |  |   |                                       |              |  |  |  |              | •  |                        |
| Cla  | aim  | <u> </u>                                | ,                                     |              | <u>,                                    </u>     | Dat  | <u>e</u>   |              |  | ᅰ                      |
| ŀ  | <u></u>  | سا                                      | ١                                     |              |  |  |  |              |  | ŀ                      |
| Final  | Original   | 2/18/05                                 | 8/5/05                                |              |  |  |  |              |  |                        |
| iĒ   | Ĕ  | Ī                                       | 8                                     |              |  |  |  |              |  |                        |
|  |  | '`                                      | ~                                     |              |  |  |  |              |  |                        |
|  | $\sqrt{1}$   | 7                                       |                                       | T            |  |  |  |              |  | П                      |
|  |  | 7                                       |                                       | T            |  | $\vdash$   |  | $\vdash$     | m  | Н                      |
| <b>-</b>   | 3  | 1.                                      | ./                                    | ┢            |  | +  | <del>                                     </del> | $\vdash$     | <del>                                     </del> | $\vdash \vdash$        |
| <b>—</b>   | 4  | 1.7                                     | 7                                     | 一            | -  |  | <u> </u>   | <del> </del> | <del>                                     </del> | $\vdash$               |
| <b></b> -  | 5  | ンシンシンシン                                 | ンマンシン                                 | ┢╌           | ╁╌   | -  | ╁╌   |              | ├  | $\vdash \vdash$        |
| <b></b>  | 5  | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \   | \ \ \ \ \ \                           | ⊢            | $\vdash$   | $\vdash$   |  |              | $\vdash$   | $\vdash \vdash \vdash$ |
|  |  | \ <u>'</u>                              | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | ├            | +-   | ╁╾   | ├  | ├            |  | ┝╼┤                    |
| <u> </u>   | -  | Ý                                       | 1                                     | ┞            | -  | -  | ļ  |              | ⊢  | $\vdash \vdash$        |
| <u> </u>   | 8  | 1                                       | 1                                     | <u> </u>     | —  | ├-   | ļ  | ├            | <u> </u>   | Н                      |
|  | 3  |   | <u> </u>                              |              | <u> </u>   | <u> </u>   | _  | <u> </u>     | <u>.                                    </u>     | Ш                      |
|  | 10   | √<br>√<br>√                             | <b>√</b><br><b>√</b>                  | <u> </u>     | <u> </u>   | ↓_   | <u> </u>   | <u> </u>     | <u> </u>   |                        |
|  | 11   | ✓                                       | ✓                                     | $oxed{oxed}$ | $oxed{oxed}$                                     | <u> </u>   | $oxed{oxed}$                                     | L.           | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | Ш                      |
|  | 12   | √                                       | ✓                                     | ot           |  |  | $oxed{oxed}$                                     | $oxed{oxed}$ |  | Ш                      |
|  | 18   |   |                                       |              |  |  |  |              |  |                        |
|  | 14   |   | V                                     |              |  |  |  | Ĺ            |  |                        |
|  | 1<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27 | ン>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> | ンシンシンシ                                |              |  |  |  |              |  |                        |
|  | 16   | V                                       | <b>√</b>                              |              |  |  |  |              |  |                        |
|  | 17   | 1                                       | 7                                     |              | Π  |  |  |              |  |                        |
|  | 18   | J                                       | 7                                     |              |  |  |  |              |  |                        |
|  | 19   | J                                       | Ì                                     | Г            |  |  |  |              |  |                        |
|  | 20   | 1                                       | 7                                     |              | $\vdash$   | <del>                                     </del> | 1  |              |  |                        |
|  | 21   | 7                                       | 7                                     | $\vdash$     | Т  | T  | ┰  | _            |  | $\vdash$               |
|  | 78   | 1                                       | <del></del>                           | -            | <del>                                     </del> |  | $\vdash$   | $\vdash$     |  | Н                      |
| <b></b>  | 23   | 1                                       | √,                                    | $\vdash$     | 1  |  |  | -            |  | $\Box$                 |
|  | 24   | 1                                       | 7                                     |              | ╁  | $\vdash$   | 1  | $\vdash$     |  | $\vdash$               |
| -  | 25   | 7                                       | マママ                                   |              | $\vdash$   |  | $\vdash$   |              |  | $\vdash$               |
| <del> </del>                                     | 26   | 7                                       | <b> </b>                              | $\vdash$     | ╁  | $\vdash$   | $\vdash$   | -            |  | $\vdash$               |
| <del>                                     </del> | 27   | 7                                       | <del>`</del>                          | -            | ╁─   | ╁  | $\vdash$   | $\vdash$     | $\vdash$   | $\dashv$               |
|  | 1  | 7                                       | 7                                     |              | ┝┈   | ╁  |  |              |  | $\dashv$               |
| H  | 28<br>29   | \<br>\                                  | <b>√</b>                              | -            | ├─   | -  | -  | -            | $\vdash$   | $\vdash$               |
|  | 30   | <b>√</b>                                | <b>Y</b>                              | $\vdash$     | ⊢  | ⊢  | _  | -            |  | -                      |
|  | 34   | × ,                                     | 7                                     |              |  |  |  |              |  |                        |
|  | 31<br>32<br>33   | ×                                       | <b>√</b>                              |              |  |  |  | _            |  | -1                     |
| $\vdash$   | 32   | Ý                                       | V                                     | -            | _  | -  | _  | <u> </u>     | $\vdash$   | $\dashv$               |
| $\vdash$   | 33   | <b>×</b>                                | _                                     | -            | _  | _  |  | <u> </u>     | $\vdash$   | $\mathbf{H}$           |
|  | 34   | <b>V</b>                                |                                       | _            | <u> </u>   | _  | _  |              | $\vdash$   | Н                      |
|  | 35<br>36   | <b>√</b>                                | _                                     |              |  | _  | <u> </u>   |              | Ш  | _                      |
|  | 36   | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>  | <b>√</b>                              |              | _  | _  | ldash  |              | Щ  | Ш                      |
|  | 37   | $ \mathbf{A} $                          | ✓                                     |              | <u> </u>   | <u> </u>   | <u> </u>   | $\vdash$     | Щ  | Щ                      |
|  | 38   | < < <                                   | <b>√</b>                              |              | _  | _  | <u> </u>   | $oxed{oxed}$ | Щ  | Щ                      |
| igsquare   | 39   | $oldsymbol{}$                           | <b>√</b>                              |              | _  | _  | $oxed{oxed}$                                     | Щ            | Щ  |                        |
|  | 40   | $\checkmark$                            | <b>✓</b>                              |              |  | _  |  |              |  |                        |
|  | 11   | V                                       |                                       |              |  |  |  |              | -  |                        |
|  | 43   | 444                                     |                                       |              |  |  |  |              |  |                        |
|  | 43   | ✓                                       |                                       |              |  |  |  |              |  |                        |
|  | 44   |   | ✓                                     |              |  |  |  |              |  |                        |
| L T  | 46   | V                                       |                                       |              |  |  |  |              |  |                        |
|  | 46   | .√I                                     | ✓                                     |              |  |  |  |              |  |                        |
|  | 47   | √                                       | √                                     |              |  |  |  |              |  |                        |
|  | 48   | <b>√</b>                                | <b>√</b>                              |              |  |  |  |              |  | $\neg$                 |
|  | 49   | V                                       | V                                     |              |  |  |  |              |  | _                      |
|  | 50   | V                                       | V                                     |              |  |  |  |              |  | $\neg$                 |

| Cla   | aim_       |             |          |          | [        | Date     | е            |          |               |          | ] | Cla   | im       |          |          |          | [        | Date   | 9        |          |          |          |
|-------|------------|-------------|----------|----------|----------|----------|--------------|----------|---------------|----------|---|-------|----------|----------|----------|----------|----------|--------|----------|----------|----------|----------|
| Final | Original   | 2/18/05     | 8/5/05   |          |          |          |              |          |               |          |   | Final | Original | 2/18/05  | 8/5/05   |          |          |        |          |          |          |          |
|       | 1          | <b>√</b>    |          |          |          |          |              |          |               |          |   |       | 51       | <b>√</b> | √        |          |          |        |          |          |          |          |
|       | <b>A</b>   | V           |          |          |          |          |              |          |               |          |   |       | 52       | V        | V        |          | ·        |        |          |          |          |          |
|       | 3          | ✓           | ✓        |          |          |          |              | L        |               |          |   |       | 53       | ✓        | ✓        |          |          |        |          |          |          |          |
|       | 4          | ✓           | ✓        |          |          |          | _            |          |               |          |   |       | 54       | ✓        | ✓        |          |          |        | L        | L_       |          |          |
|       | 5          | ✓           | ✓        |          |          |          |              | <u> </u> | <u> </u>      | _        |   |       | 55       | V        | √        |          |          |        | ļ        | <u> </u> |          |          |
|       | 6          | V           | V        |          |          |          | ļ            | <u> </u> | <u> </u>      | <u> </u> |   |       | 56       | Á        | √,       |          |          | _      | L.       |          |          |          |
|       | 7          | <b>√</b>    | <b>√</b> | Ш        |          |          | <u> </u>     | <u> </u> | <u> </u>      | <u> </u> |   |       | 57       | , <      | <b>√</b> |          |          | _      | _        | <u> </u> |          |          |
|       | φæ         | V           | V        | Н        |          |          | <del> </del> |          | $\vdash$      | ┝        |   |       | 58<br>59 | √        | <b>√</b> |          |          |        | <u> </u> | _        |          | $\vdash$ |
|       | 10         | -           | -        | Н        |          | _        | $\vdash$     | <u> </u> | H             | $\vdash$ |   |       | 60       | _        | <b>√</b> | -        |          |        | <u> </u> |          | $\vdash$ | $\vdash$ |
|       | 11         | <b>✓</b>    | <b>√</b> | -        |          | <u> </u> | -            |          | -             | -        |   |       | 61       |          | √<br>    |          |          |        | ┝        | $\vdash$ | H        | $\vdash$ |
|       | 12         | <b>&gt;</b> | <b>√</b> | Н        |          | ·        |              |          |               | $\vdash$ |   |       | 62       |          | <b>↑</b> |          |          |        | $\vdash$ | -        | -        |          |
|       | 18         |             | ~        | Н        |          |          | -            | <u> </u> | <u> </u>      | ┢─       |   |       | 63       |          | <b>√</b> |          |          |        |          |          | $\vdash$ |          |
| •     | 14         | <b>√</b>    | 7        | $\vdash$ |          | _        |              |          |               | -        | 1 |       | 64       |          | <b>√</b> |          |          |        |          |          | Н        | Н        |
| •     | 15         | <b>√</b>    | <b>V</b> | $\vdash$ | _        |          |              |          |               | H        |   |       | 65       |          | <b>√</b> |          |          |        | _        |          |          | <u> </u> |
|       | 16         | <b>√</b>    | <b>√</b> | •        |          |          |              |          |               |          |   |       | 66       |          | √<br>√   |          |          |        |          |          |          |          |
|       | 17         | √           | V        |          |          |          |              |          |               |          |   |       | 67       |          | Ì        |          |          |        |          |          |          |          |
|       | 18         | V           | <b>√</b> |          |          |          |              |          |               |          |   |       | 68       |          | Ť        | $\neg$   |          |        |          |          |          |          |
|       | 19         | V           | <b>√</b> |          |          |          |              |          |               |          |   |       | 69       |          |          | $\neg$   |          |        |          |          |          |          |
|       | 20         | √.          | <b>~</b> |          |          |          |              |          |               |          |   |       | 70       |          |          |          |          |        |          |          |          |          |
|       | 21         | <u>^</u>    | <b>√</b> |          |          |          |              |          |               |          |   |       | 71       |          |          |          |          |        |          |          |          |          |
|       | 22         | V           |          |          |          |          |              |          |               |          |   |       | 72       |          |          |          |          |        |          |          |          |          |
|       | 23         | ✓           | <b>\</b> |          |          |          |              |          |               |          |   |       | 73       |          |          |          |          |        |          |          |          |          |
|       | 24         | ✓           | ✓        |          |          |          |              |          |               |          |   |       | 74       |          | ·        |          |          |        |          |          |          |          |
|       | 25         | ✓           | ✓        |          |          |          |              |          |               |          |   |       | 75       |          |          |          |          |        |          |          |          |          |
|       | 26         | ✓           |          |          |          |          |              |          |               |          |   |       | 76       |          |          |          |          |        |          |          |          |          |
|       | 27         | √.          | V        |          |          |          |              |          |               |          |   |       | 77       |          |          |          |          |        |          |          |          |          |
|       | 28         | <b>√</b>    | Ý        |          |          |          |              |          |               |          |   |       | 78       |          | _        | _        |          |        |          |          |          |          |
|       | 29         | <b>✓</b>    | <b>√</b> |          |          |          |              |          |               |          |   |       | 79       |          |          | $\dashv$ | _        |        |          |          |          | $\vdash$ |
|       | 30         | 1           | 1        |          |          |          | _            |          | -             |          |   |       | 80       |          |          | _        |          |        |          |          |          |          |
|       | 31<br>32   | <b>√</b>    | √,       |          |          |          |              |          |               |          |   |       | 81       |          |          | $\dashv$ |          |        |          |          | - 1      |          |
| _     | <b>3</b> 3 | √<br>/      | V        | $\dashv$ | $\dashv$ |          |              | _        | _             |          |   |       | 82<br>83 |          | $\dashv$ |          |          |        |          |          | $\vdash$ |          |
|       | 34         | <b>√</b>    |          | $\dashv$ | $\dashv$ | _        |              | -        | -             |          |   |       | 84       | $\dashv$ | $\dashv$ | $\dashv$ | -        |        |          |          |          |          |
|       | 35         | <b>V</b>    |          | $\dashv$ | $\dashv$ | _        |              | -        | $\overline{}$ |          | 1 |       | 85       | $\dashv$ | $\dashv$ | $\dashv$ | $\neg$   |        |          |          |          |          |
|       | 36         | V           | <b>√</b> |          |          |          |              |          |               |          | ŀ |       | 86       |          | $\dashv$ | ┪        | -        |        |          |          | $\vdash$ |          |
|       | 37         | V           | <b>√</b> | $\neg$   | $\dashv$ |          |              |          |               |          | ŀ |       | 87       |          | $\dashv$ | ┪        | $\dashv$ |        |          |          | $\neg$   | $\Box$   |
|       | 38         | V           | V        |          |          |          |              |          |               |          |   |       | 88       | $\dashv$ |          | _        |          |        |          |          | $\dashv$ | $\Box$   |
|       | 39         | V           | <b>√</b> |          |          |          |              |          |               | •        |   |       | 89       |          |          | T        |          |        |          |          | $\neg$   | П        |
|       | 40         | V           | V        |          |          |          |              |          |               |          | j |       | 90       |          |          |          | ┪        |        |          |          | $\Box$   |          |
| R     | 11         | V           |          |          |          |          |              |          |               |          |   |       | 91       |          |          |          | 1 11     | 5-1    | 1        | - 11     |          |          |
|       | 48         | <b>√</b>    |          |          | $\neg$   |          |              |          |               |          |   |       | 92       |          |          |          |          |        |          |          |          |          |
|       | 43         | V           |          |          |          |          |              |          |               |          |   |       | 93       |          |          |          |          |        |          |          |          |          |
|       | 44         | V           | V        |          |          |          |              |          |               |          | [ |       | 94       |          |          |          |          |        |          |          |          |          |
| ]     | 46         | V           |          | [        | [        | $\Box$   |              |          | ]             |          |   |       | 95       | $\Box$   | $\Box$   |          |          |        |          |          | $\Box$   |          |
|       | 46         | <b>√</b>    | ✓        |          | ļ        |          | [            |          | [             |          |   |       | 96       | $\Box$   |          | $\Box$   |          | ]      | $\Box$   |          |          |          |
|       | 47         | <b>√</b>    | ✓        |          | ļ        |          |              |          | ļ             |          |   |       | 97       |          | ]        | $\bot$   | ]        | $\Box$ |          |          | ]        |          |
|       | 48         | <b>√</b>    | <u>√</u> | _        | _        | _        |              |          |               |          | ļ |       | 98       |          |          |          | ]        |        | _]       |          |          |          |
|       | 49         | √,          | Ý        | $\dashv$ |          |          |              |          |               |          |   |       | 99       |          |          |          | _        |        |          |          |          |          |
|       | 50         | <b>√</b>    | V        |          | 1        |          |              |          |               |          | L |       | 100      |          |          |          |          |        |          |          |          |          |

| Cla      | aim        |          |          |          | - (      | Date         | <u>—</u>                            |          |            |                 |
|----------|------------|----------|----------|----------|----------|--------------|-------------------------------------|----------|------------|-----------------|
|          |            |          |          |          |          |              |                                     |          |            |                 |
| Final    | Original   |          |          |          | İ        |              |                                     |          | *          |                 |
| 這        | Ä          |          |          |          |          | l            | ł                                   |          |            |                 |
|          |            |          |          |          | _        | L            | 匚                                   |          |            | Ш               |
|          | 101        |          |          |          |          |              |                                     | L.       | L          |                 |
|          | 102        | <u> </u> | _        |          | <u> </u> | ļ            | <u> </u>                            | <u> </u> | ļ          | Щ               |
|          | 103        | <u> </u> | <u> </u> | _        | <u> </u> | <b> </b>     | <u> </u>                            |          | <u> </u>   |                 |
|          | 104        | $\vdash$ | -        | ┢        | ļ        | ├─           | ⊢                                   | ┢        | ļ.—        | <u>  -</u>      |
|          | 106        | $\vdash$ | $\vdash$ | ⊢        | ┢        | <del> </del> | -                                   |          |            | Н               |
|          | 107        | $\vdash$ | -        | ┢        |          | ├            |                                     | -        | -          | $\vdash$        |
|          | 108        | -        |          | ╁        | ┢        | $\vdash$     | $\vdash$                            |          | Ė          | Н               |
|          | 109        |          |          |          |          |              | T                                   |          |            | П               |
|          | 110        |          |          |          |          | <b>†</b>     | 1                                   |          | 1          | П               |
|          | 111        |          |          |          |          |              |                                     |          |            | П               |
|          | 112        |          |          |          |          |              |                                     |          |            |                 |
|          | 113        |          |          |          |          |              |                                     |          |            |                 |
|          | 114        |          |          |          |          | ļ            |                                     |          |            | Ш               |
|          | 115        | <u> </u> | <u> </u> |          | <u> </u> | L_           | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> | _          | Ш               |
|          | 116        | _        |          |          | <u> </u> | Щ.           | <u> </u>                            | <u> </u> | lacksquare | Щ               |
|          | 117<br>118 |          |          |          | $\vdash$ | <u> </u>     | _                                   | <u> </u> | <u> </u>   | $\vdash$        |
|          | 119        |          |          |          | $\vdash$ | H            | ┡                                   |          | -          | $\vdash$        |
|          | 120        |          | ┢        | -        | _        | -            | -                                   | -        | -          | Н               |
|          | 121        |          |          |          | _        |              | -                                   |          |            | Н               |
|          | 122        | -        |          | -        |          |              | $\vdash$                            |          | $\vdash$   | Н               |
|          | 123        |          |          |          |          |              |                                     | $\vdash$ | $\vdash$   |                 |
|          | 124        |          | _        | <u> </u> | _        |              | $\vdash$                            |          |            | М               |
|          | 125        |          |          |          |          |              |                                     |          |            | П               |
|          | 126        |          |          |          |          |              |                                     |          |            |                 |
|          | 127        |          |          |          |          |              |                                     |          |            |                 |
|          | 128        |          |          |          |          |              |                                     | <u> </u> |            |                 |
|          | 129        |          | <u> </u> |          |          |              | _                                   |          | L_         | Ш               |
|          | 130        |          |          |          |          |              |                                     |          | _          |                 |
|          | 131        | 7 =      |          | 100      |          |              | 10.00                               |          |            |                 |
|          | 132<br>133 | _        | <u> </u> | $\vdash$ |          |              |                                     | -        |            | -               |
| _        | 134        | _        | -        | $\vdash$ | net .    |              |                                     | -        |            |                 |
|          | 135        |          |          | $\vdash$ |          |              |                                     | $\vdash$ |            |                 |
|          | 136        | _        |          | $\vdash$ | _        |              |                                     |          |            |                 |
|          | 137        |          |          |          |          |              |                                     |          |            | $\Box$          |
|          | 138        |          |          |          |          |              |                                     |          |            |                 |
|          | 139        |          |          |          |          |              |                                     |          |            |                 |
|          | 140        |          |          |          |          |              |                                     |          |            |                 |
|          | 141        |          | ÷.       | 1        |          | 1            | F                                   |          |            | Į               |
|          | 142        |          |          |          |          |              |                                     |          |            |                 |
|          | 143        |          |          |          |          |              | _                                   | <u> </u> |            | Щ               |
|          | 144        |          |          |          |          |              |                                     | Щ        | ,          | $\vdash \dashv$ |
|          | 145        |          |          |          |          | $\vdash$     |                                     | Н        |            | $\vdash$        |
|          | 146<br>147 |          |          | $\vdash$ | ,        | $\dashv$     | -                                   |          |            | $\dashv$        |
|          | 148        | _        | Н        | $\vdash$ |          |              |                                     |          |            | $\vdash$        |
| $\dashv$ | 149        |          |          | $\vdash$ |          |              |                                     |          |            | Н               |
|          | 150        |          |          | $\vdash$ |          |              |                                     | $\vdash$ |            | $\dashv$        |
|          | . 55       |          |          | ш        |          | ـــا         | ш                                   | ш        | ш          | لــــا          |